

### SITE INFORMATION

**Site Identifier :** MO1RB3 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0293X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Morgan Cr **City :**  
**River Mile :** 1.90 **State :**  
**River System :** Morgan Cr **Zipcode :**  
**Legal Description :** SW1/4S29T35NR6E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

#### Directions :

Follow the South Skagit Highway, from the Highway 9 intersect, for approximately 9 miles to the Potts Road on the right. Drive up Potts Road for approximately 0.9 miles to the old railroad grade and a gate on the right. Walk along the railroad grade for approximately 500 meters and the site.

#### Area Overview :

This site is formed by groundwater and surface runoff at the base of an old railroad grade with a pasture on the opposite side. It offers no spawning habitat but approximately 1060 square meters of good over- winter rearing.

### Field Survey Information

**Date :** 01/12/1998 **Observer :** Olis **Survey Type :** initial

#### HABITAT INFORMATION

**Water Source:** ( ) Spring (X) Groundwater (X) Surface runoff

**Flow:** (X) Intermittent ( ) Year-round

**Estimated Flows (cfs):** Lower end: 0.1  
 Upper end: none

**Water Temperature(C):** Lower end: 1.6, 3.3  
 Upper end: 3.9

**Receiving Water Temperature (C):** 3.8

**Other Observations:** There are two outlets to this site. One outlet had a lower end temperature of 1.6 C while the other outlet had a lower end temperature of 3.3 C.

**Site Area Measurements:** ( ) Indirect (X) Direct ( ) Combination  
**Widths:** Channel: 1.5m Ponds: Wetlands:  
**Depths:** Channel: 14cm Ponds: Wetlands:  
**Total length (includes ponds and wetlands):** 875m

**Total existing habitat area (est. m2):** 1060

<b>Spawning area:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>
<b>Impounded area:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>
<b>Other rearing area:</b>	<b>Mainstem:</b> 1060	<b>Tribs:</b>	<b>Total:</b>
<b>Unaccessible habitat:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>

Spawning habitat conditions: ☒ None ☐ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

Rearing habitat conditions: ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

Describe pond and other rearing habitat: At the head end of this site is a 340m long by 1.5m wide pool that is formed along the south edge of the railroad grade. It does have some water parsley present as well as some brushy cover along both banks. The two outlets that drain this site are 20% pooled with good brushy cover.

Describe inaccessible habitat:

Wetland type: ☐ Bog ☐ Marsh ☐ Scrub-shrub ☐ Forested

Describe:

Flooding potential: ☒ Low ☐ Medium ☐ High

Describe: Site is out of the Skagit River flood plain and a flood event would have little affect on this site.

#### FISH INFORMATION

Site entry condition: ☐ Poor ☐ Fair ☒ Good

Describe: Both outlets have pool conditions at entry.

Coho access and use: Juvenile ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good  
Adult ☐ Unknown ☒ None ☐ Poor ☐ Fair ☐ Good

Describe: No spawning habitat for adults. Juvenile salmonids were observed but it was unclear if they were coho. However, the site is accessible to coho juveniles and I would expect good use out of this site.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: Site is accessible to trout and juvenile salmonids were observed.

ENHANCEMENT OPPORTUNITIES: Fencing along the edge of the site to keep livestock out would enhance this habitat although it has not been trampled on too severely.

Project type:

Equipment access:

ADDITIONAL COMMENTS:

ATTACHMENTS AVAILABLE

☒ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping  
☐ Other References

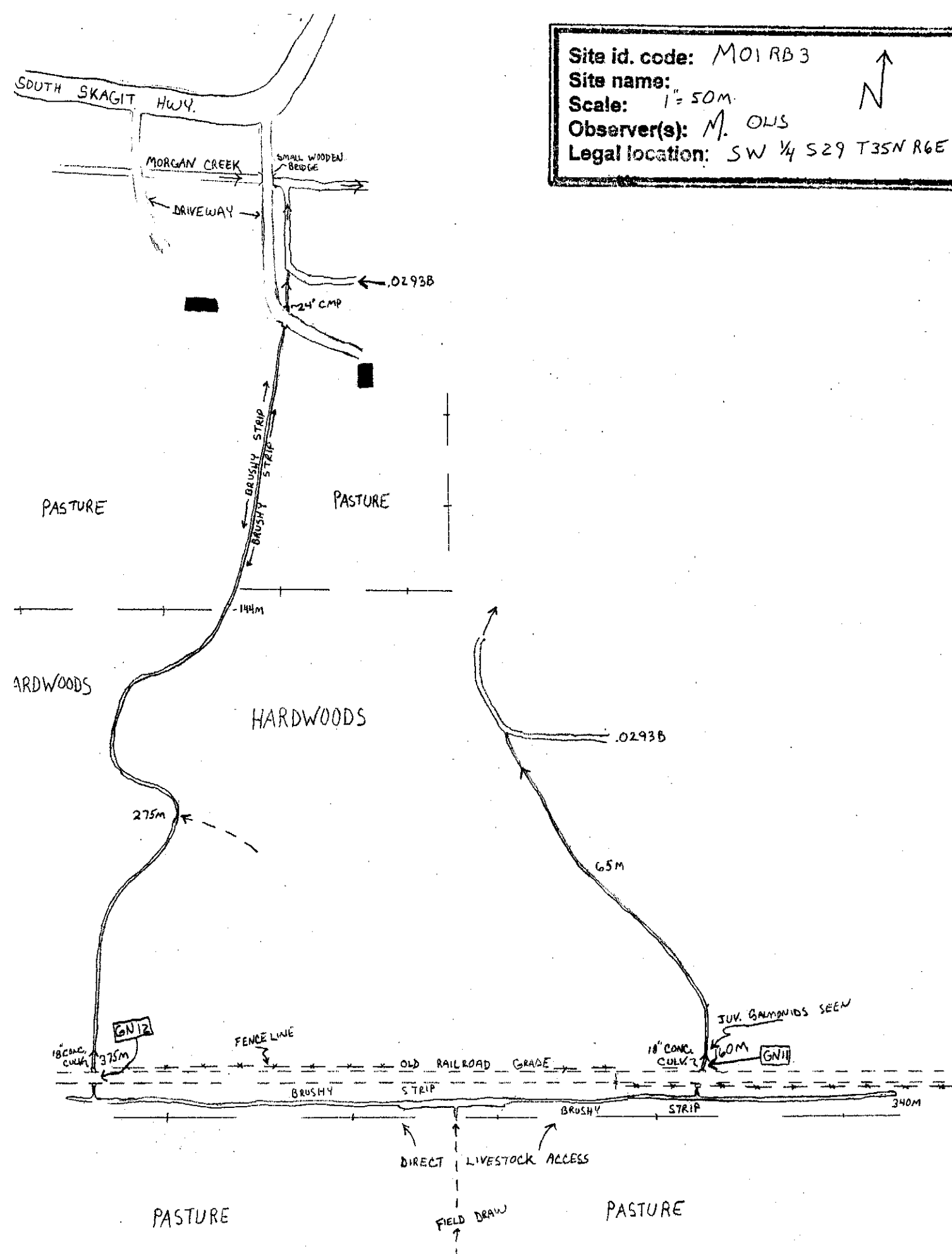
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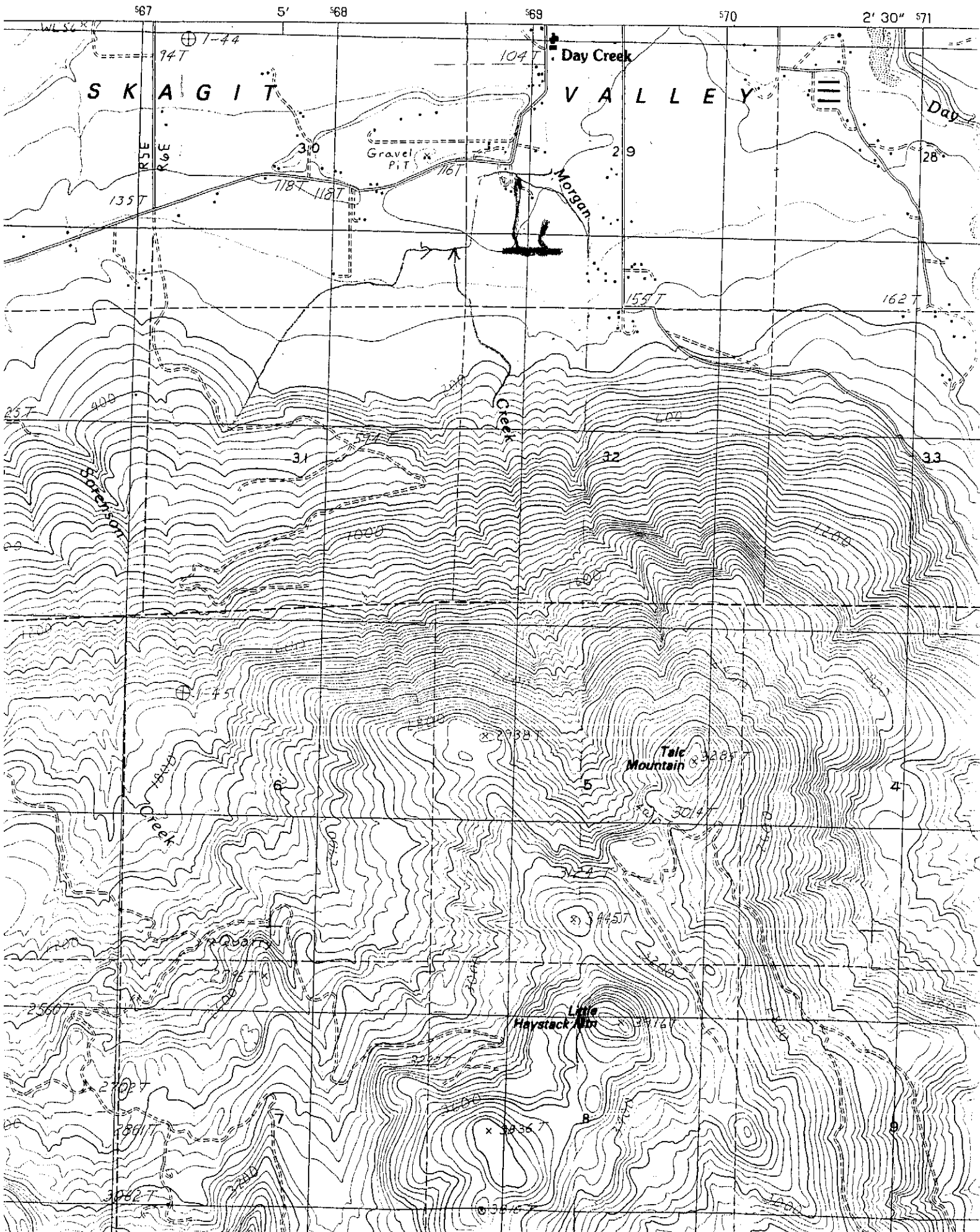
Site name:

Scale: 1" = 50m

Observer(s): M. OLS

Legal location: SW 1/4 S29 T35N R6E

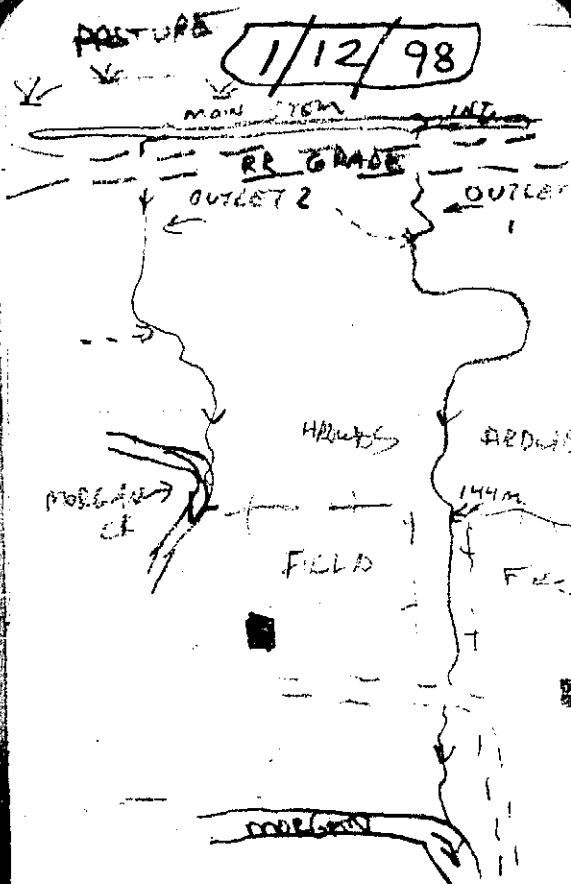




M01RB3

RM 1.9

SW 1/4 S29T35NR6E



OUTLET 1

0.0 ENTRY

FLOW - 0.1

WTR TEMP. 35°

STREC, WTR - 39°

ACCESS - GOOD

POOL @ ENTRY

15m WW 1m

- SLOW MOVING
- CARRY GRASS (COWS)
- @ 24" CULVERT
- UNDER DRIVEWAY

144m WW 1m

- SUBSTR. MUDDY/CLAY
- HEAVY BRUSH
- FIELD ON LB ENDS

275m

WW 1m

- JUV. SALMONIDS SEEN
- SMALL WT. TRIB ON RB.

375m

WW 1m

- @ 18" CONC. ROUND PIPE & RR GRADE

### OUTLET 2

FLOW - 0.1

STREAM TEMP - 38°

ACCESS - POOL PRESENT

65m

WW 1m

- SUBSTR. LEAVE-BOTTOMS & MUCKY
- GOOD BRUSHY COVER.
- INT. TRIB ON RB.

160m

WW 1m

- @ 18" CONC. ROUND CULVERT & RR GRADE.
- CULVERT IS ACCESSIBLE TO JUV.
- SEVERAL JUV. SALMONIDS @ DOWNSTREAM END OF CULVERT.

MAIN STEM

~~R 2000~~ ON OUTLET  
ONE

137m WW 1.5m

- MOSTLY POOL
- BRUSHY COVER
- GOOD AMOUNTS OF  
WTR PARSLEY.

160m WW 2.5m

- DRAIN COMING  
OFF FIELD.

179m WW 2.5m

234m WW 1m

- FENCE MOVES OVER.

... TO FIELD SIDE OF  
RR GRADE.

261m WW 1.5m

- @ OUTLET #2

340m WW 1.5m

- END OF WTL
- WTR TEMP. 39°

COMMENTS

- LOW FLOODING
- GRND WATER - SURFACES
- JUV. SALMONIDS SEEN
- NO SPAWNING HERE.
- LIVESTOCK ACCESS
- GOOD RETAINING.